FIG. 1A

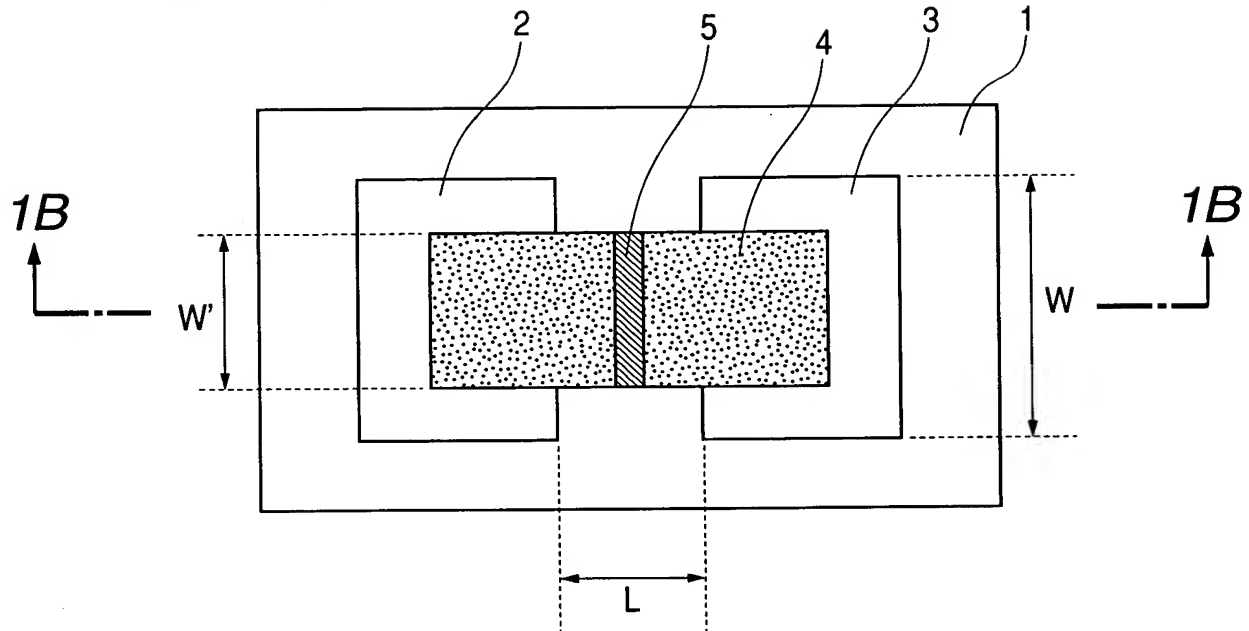

FIG. 1B

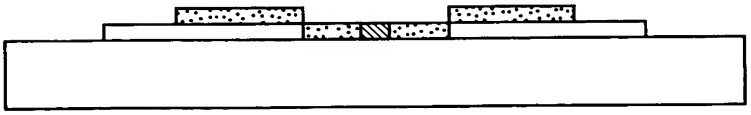

FIG. 2A

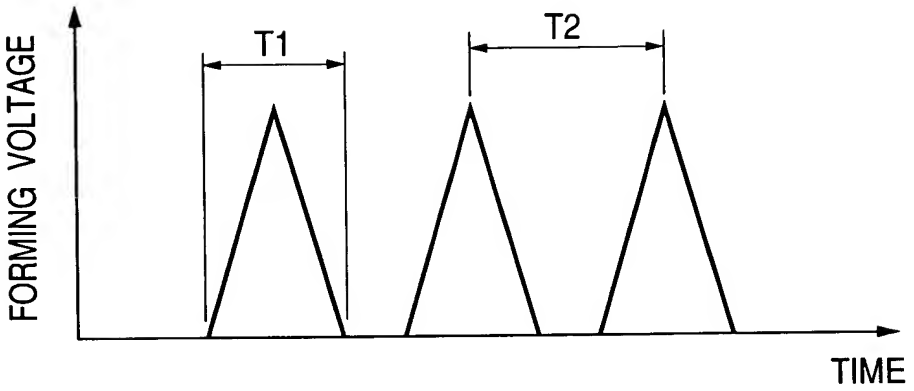

FIG. 2B

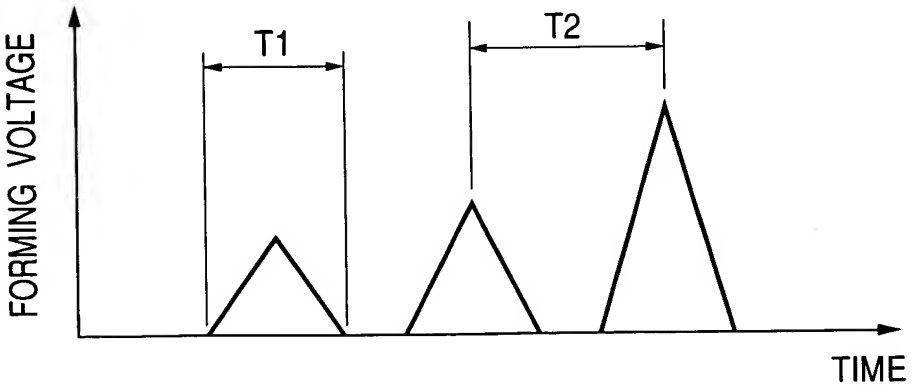

FIG. 3A

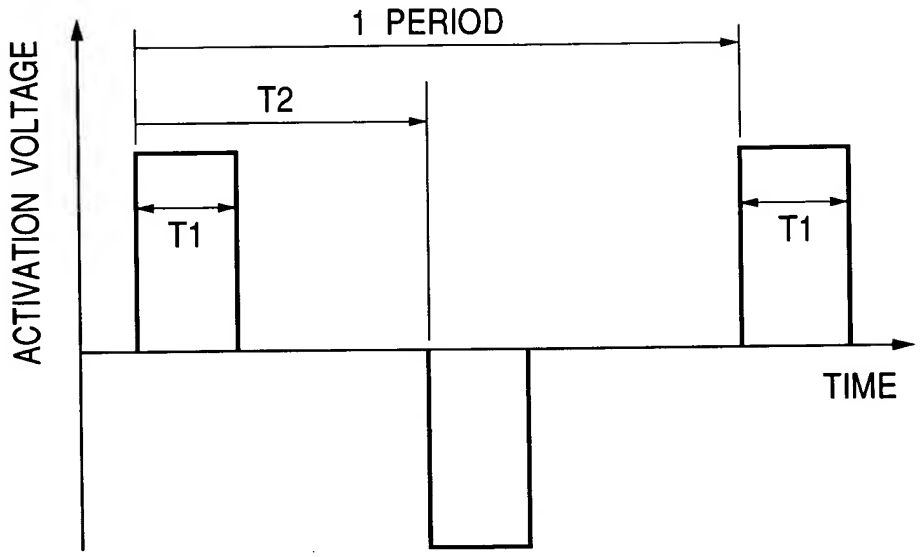
1 PERIOD
T2
T1
T1
ACTIVATION VOLTAGE
TIME

FIG. 3B

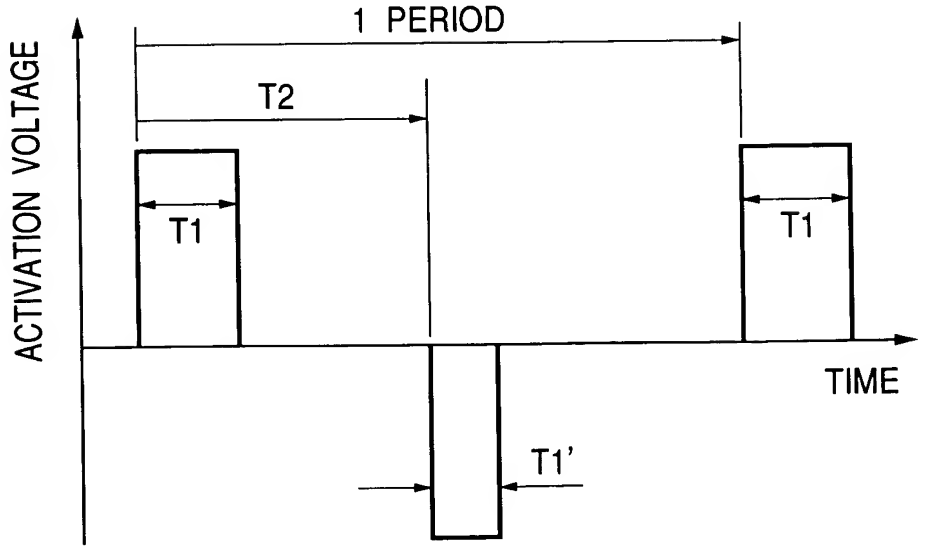
1 PERIOD
T2
T1
T1
ACTIVATION VOLTAGE
TIME
T1'

FIG. 4

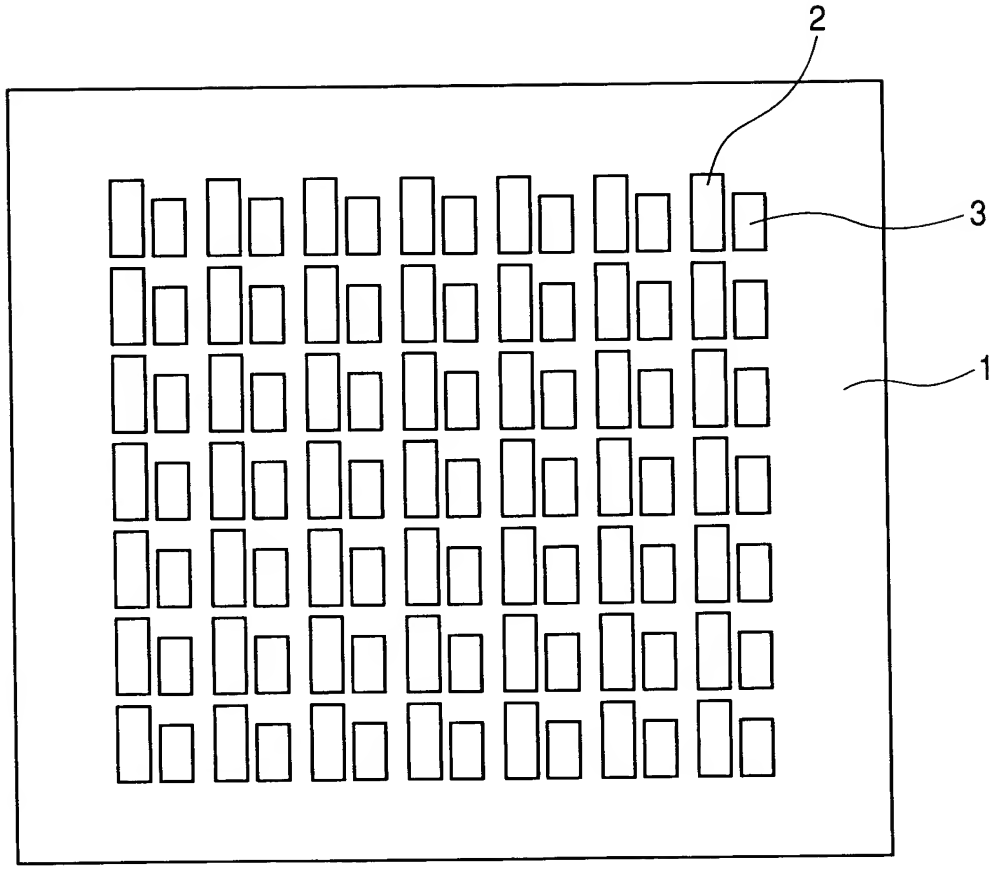

FIG. 5

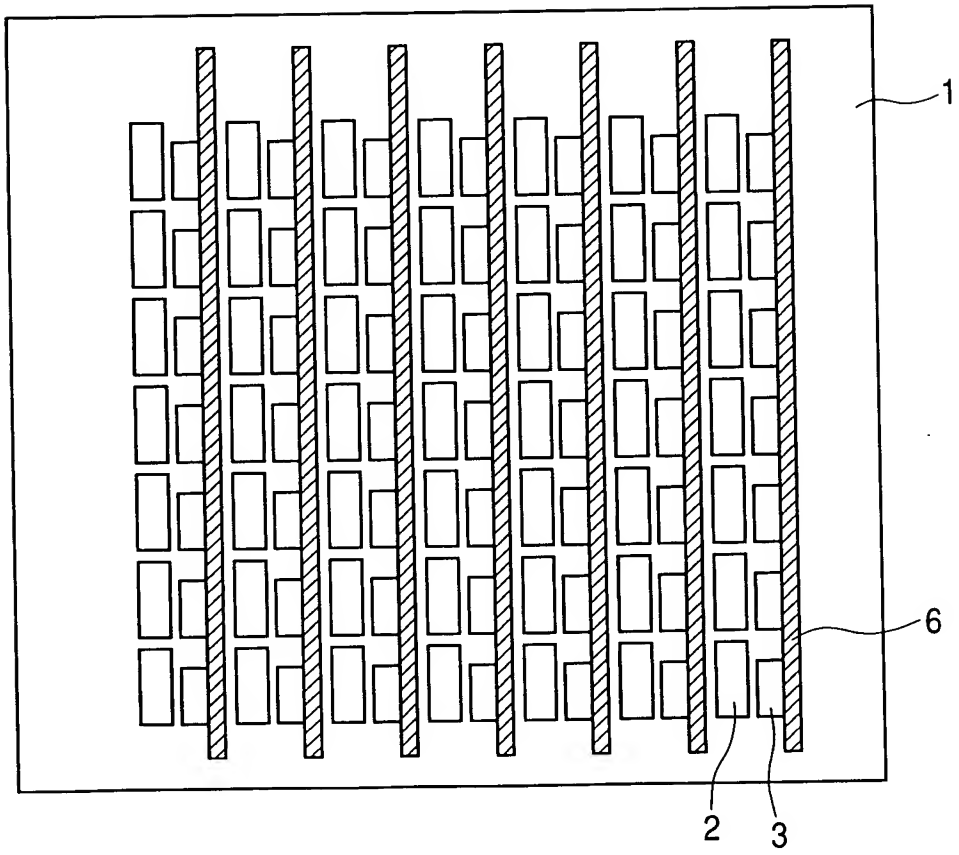

FIG. 6

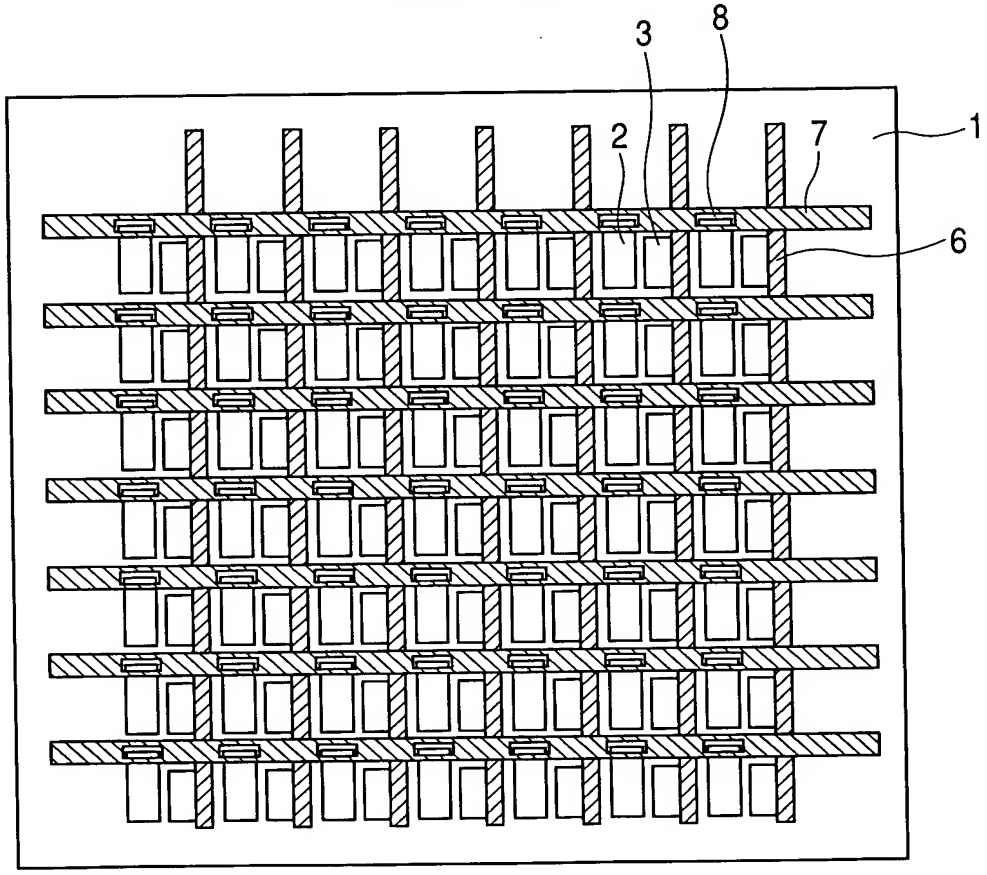

FIG. 7

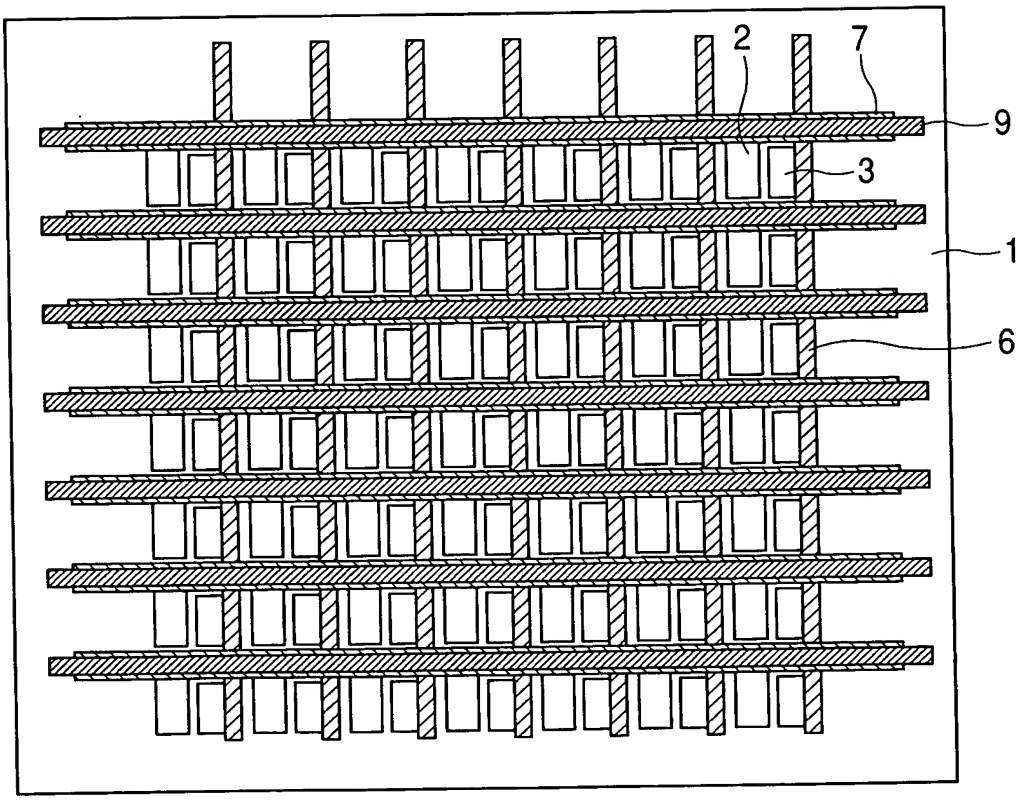

FIG. 8

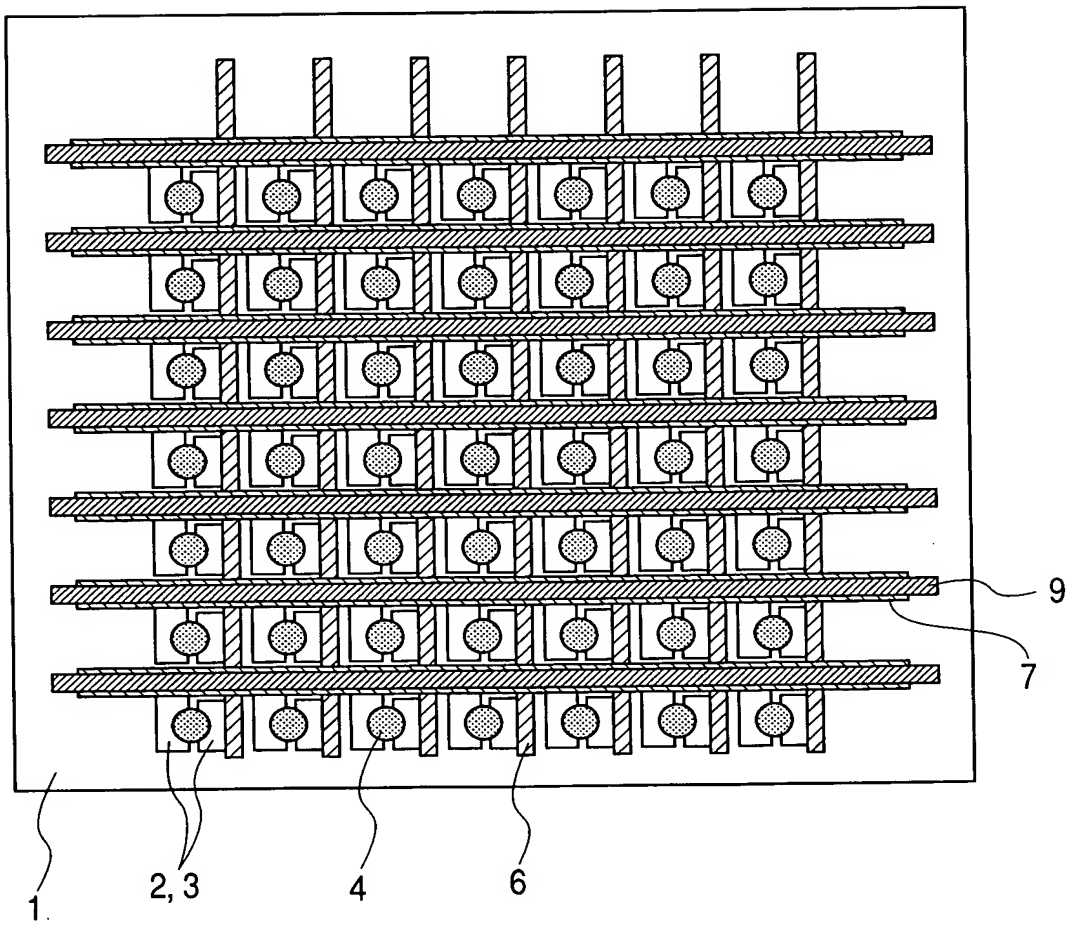

FIG. 9

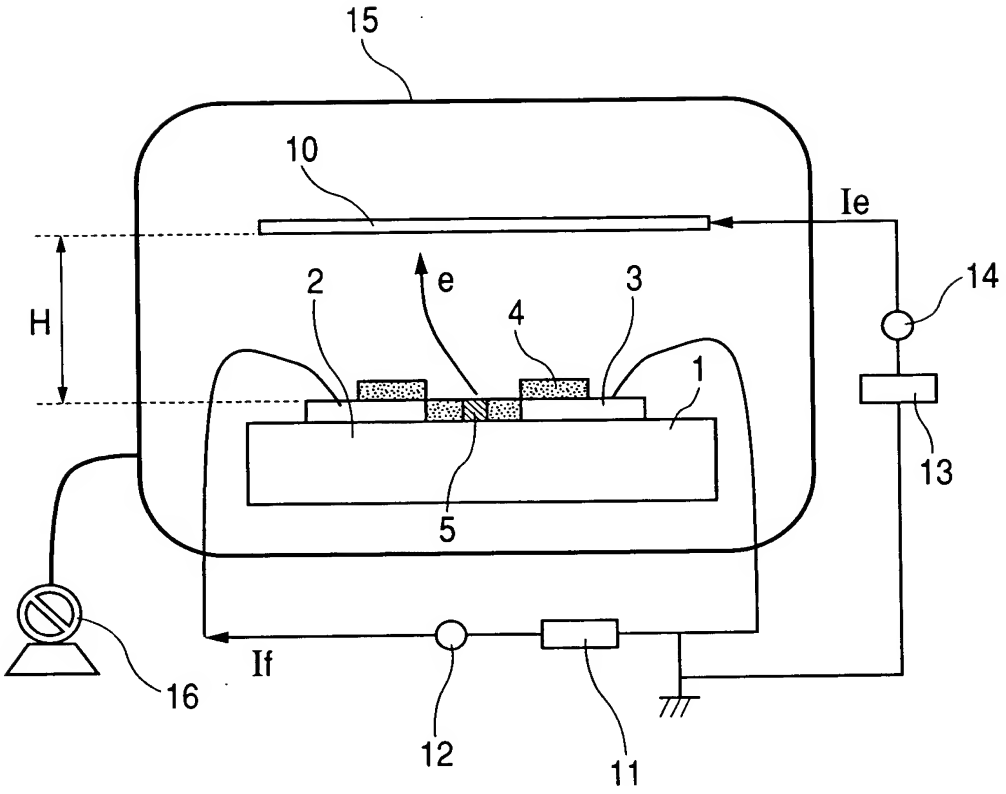
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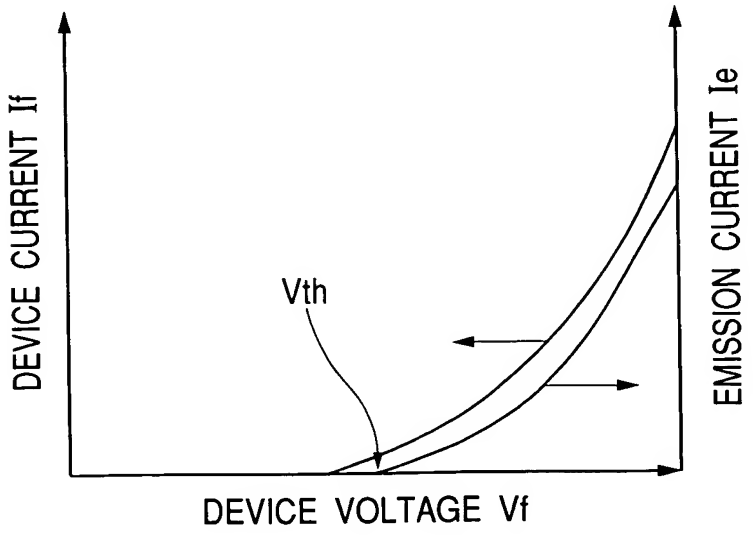
FIG. 10


DEVICE CURRENT If
EMISSION CURRENT Ie
Vth
DEVICE VOLTAGE Vf